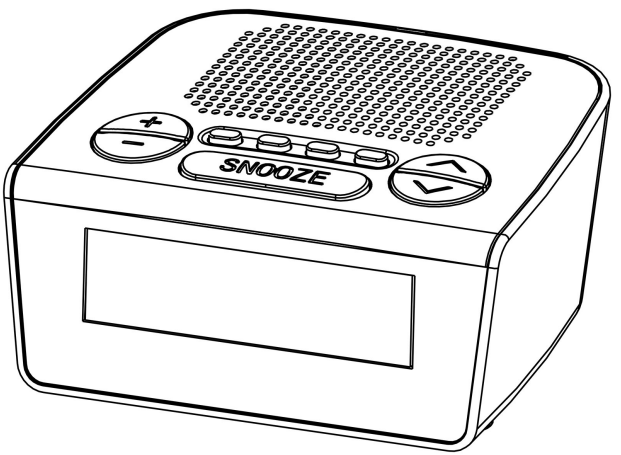
QFX®

FM/AM/WB Dual Tuners
All Hazard Weather Alert Clock Radio

Operating Instructions

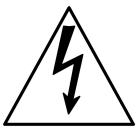


CR-91NOA

Printed in China

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.



This symbol is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Before You Begin

Thank you for choosing the QFX All Hazard Weather Alert Device! It will give you many hours of safety alerting service and listening pleasure.

Before operating the device, please read these instructions thoroughly and retain them for future reference.

Features

• All Hazard Weather Alert (1050Hz Tone Alert)

• AM/FM/Weather Band, with easy access to local weather news

• 0.6 inch red LED display

• Dual alarms

• Power back-up function to keep the clock during a power interruption, using 2 AAA batteries (not supplied)

Installing the Battery

To keep good time and to provide limited weather band/alert function in the event of a power interruption, the unit needs two AAA batteries (not supplied), in addition to house current.

Install the batteries with correct polarity and then close the lid.

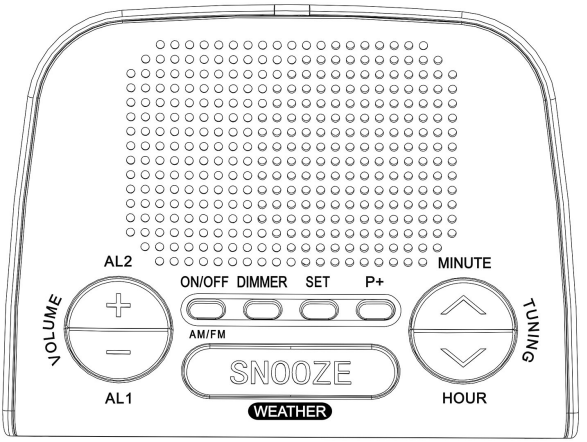
During a power interruption, the display will be turned off, only Weather Band and Weather Alert functions at half sound volume are available in order to save the power.

Knowing When to Replace the Battery

To check battery power, unplug the AC power cord from the wall outlet. If both the Alert indicator is flashing slower , replace the batteries.

Battery Warning

When the unit will be left unplugged for a long time, remove the battery to avoid undue battery discharge and damage to the unit from battery leakage.



Setting the Clock

1 Plug in the unit. The display will flash "12:00" (a.m.)

Or, press **SET** over 1 seconds in standby mode.

2 To set the hour/minute, press **HOUR / MINUTE**.

3 When the time appears in the display, press **SET** (or wait 4 seconds).

The clock will begin to operate when the display stop flashing, the second will start from 00 at this moment .

• The second will not be reset at 00 if you haven't change hour/minute during the time setting process.

Playing the Radio

1 In standby mode, press **ON/OFF** to turn on the radio and adjust **VOLUME +/-**.

2 Press **BAND** and tune in a station using **TUNING UP/DOWN**.

• Press **TUNING** over one second, the radio will start searching the next station instead of moving the frequency by one step.

3 To turn off the radio, press **ON/OFF** over two seconds, the word "OFF" will be displayed.

Improving the reception

FM / WB: Extend the FM wire antenna fully to

improve the reception.

AM: Rotate the unit horizontally for optimum reception. A ferrite bar antenna is built into the unit.

Do not operate the unit over a steel desk or metal surface, as this may lead to interference of reception.

My favorite stations

In FM/AM mode, you could manually store a particular frequency as your favorite station.

1 Tune to desired station, press **SET** over one second till the display is flashing P-X.

2 Press UP/DOWN (TUNING buttons) to choose the desired memory (01-30). Press **SET** to complete the storing action.

• When P-X is flashing, If you do not press **SET**, the flashing will stop after four seconds and the storing action will be canceled.

To switch to your preset favorite stations, simply press **P+**, or press **P+** and then press **UP/DOWN**.

Auto-scan all stations

In FM/AM mode, the unit could auto-scan and store up to 30 stations.

1 Tune on the radio, press **BAND** to switch to FM or AM, press SET over 5 seconds until the unit start scanning the frequency.

2 You could stop the auto-scan process by pressing any button.

• The auto-scan will store station from the 1st memory and so on. Previously stored memory will be erased.

Setting the Alarm

To set the alarm, the unit should be at standby mode first.

1 Press **AL** (AL1/AL2), the display will flash the alarm type (Buzzer / Radio) and then the alarm time.

2 To set the alarm type, simply press **AL** again when the word “BuZ” or “RAd” is flashing. It cycles between buzzer, radio and off.

• The AL1 and/or the AL2 indicators will light up if the alarm is turned on.

3 To set the alarm time, press **HOUR / MINUTE** when the alarm time is flashing. Press **SET** to finish, or wait 4 seconds.

• The alarm will come on at the preset time and automatically turn itself off after 60 minutes.

• The Radio-alarm will turn on the unit to the last

station (AM/FM/WB) just before the alarm preset time.

• To check the preset time, press **AL1/AL2** at the standby mode.

Operations in Alarming

During alarming, you could press **ON/OFF** to shut off the alarm. The alarm will come on at the same time on the next day.

Or, you could press **SNOOZE** to shut off the alarm temporarily, it will come on again after 10 minutes.

• If you are listening AM/FM/WB when an alarm preset time comes, the unit will sounds the buzzer no matter the alarm type is set as buzzer or as radio.

Setting the Sleep Timer

Enjoy falling asleep to the radio using the built-in sleep timer that shuts off the radio automatically.

1 At standby mode, press **ON/OFF** until the words “90” is being displayed.

2 Press **ON/OFF** again to switch the sleep time from 90/80…..10.

3 Wait four seconds, the radio turns on. It will go off after the preset duration of time.

• To turn off the radio before the preset time, press **ON/OFF** until the word “OFF” is displayed.

One-press-weather

Apart from switching to WB (weather band, CH1-CH7) by the button **BAND** during radio listening, you could instantly access the weather news by pressing **WEATHER** in the following modes --- Standby / FM / AM**.**

Press **TU+/-** to switch to the channel corresponding to your location.

Press **WEATHER** again to return to previous mode.

• One-press-weather will not work during alarming and snoozing.

All hazard weather alert

The unit will monitor all CH1-CH7, it will sounds a 5 second siren as long as it detects the 1050Hz tone alert signal broadcasted by a nearby National Weather Service Office, then it will

play that particular weather band channel at maximum volume for 15 minute.

1 The alert indicator flashes every 2 seconds while it is at the monitoring mode.

2 If the unit is activated by the 1050Hz tone alert, the alert indicator and the WB indicator will flash alternatively. You could shut off the playing by pressing **ON/OFF** or **WEATHER**.

• If you are listening weather band manually, the unit will not monitor the 1050Hz tone alert. But the unit will return to standby mode (to start the alert monitoring) if the WB channel you manually turned on don't have significant signal over 15 minutes. (This is also applied to Radio-alarm if the alarm wakes up to the weather band.

Precautions

• Operate the unit on the power sources specified in "Specifications".

• To disconnect the power cord (mains lead), pull it out by the plug, not the cord.

• Do not leave the unit in a location near a heat source such as a radiator or airduct, or in a place subject to direct sunlight, excessive dust,

mechanical vibration, or shock.

• Allow adequate air circulation to prevent internal heat build-up. Do not place the unit on a surface (a rug, a blanket, etc.) or near materials (a curtain) which might block the ventilation holes.

• Should any solid object or liquid fall into the unit,

unplug the unit and have it checked by a qualified personnel before operating it any further.

• To clean the casing, use a soft cloth dampened with a mild detergent solution.

Specifications

Time display:

12 hour system

Frequency range:

FM: 87.5 – 108 MHz

AM: 520 – 1 710 kHz

WB: CH1 – CH7 (162.400/162.425/162.450/162.475/162.500/162.525/162.550MHz)

Speaker:

Approx. 4.8 cm (1 9⁄10 inches) dia., 16 ohmÙ

Power output:

100 mW (at 10 % harmonic distortion)

Power requirements:

120 V AC, 60 Hz

For the power back-up function: 3 V DC, two AAA batteries

Dimensions:

Approx. 110 x 52 x 92 mm (w/h/d)

(6 1⁄3 x 2 x 3 2⁄3 inches) incl. projecting parts and controls

Mass:

Approx. 322 g (1 lb 3 oz) not incl. battery

Design and specifications are subject to change without notice